

Minneapolis VAHCS
Physical Medicine and Rehabilitation (PM&R)
Residential Rehabilitation



Year in Review: Fiscal year 2014
1 October, 2013 to 30 September, 2014



Polytrauma Transitional
Rehabilitation Program



PTRP

PTRP FY14: Census numbers spanning the year

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	Already here at start of FY14	New admits in FY14	Discharges in FY14	Still here at end of FY14	Total number served
Mod-severe BI*	3	13	15	1	16
mBI*	2	3	3	2	5
SCI/D	0	1	1	0	1
Stroke	0	3	3	0	3
Other	1	1	2	0	2
Total	6	21	24	3	27

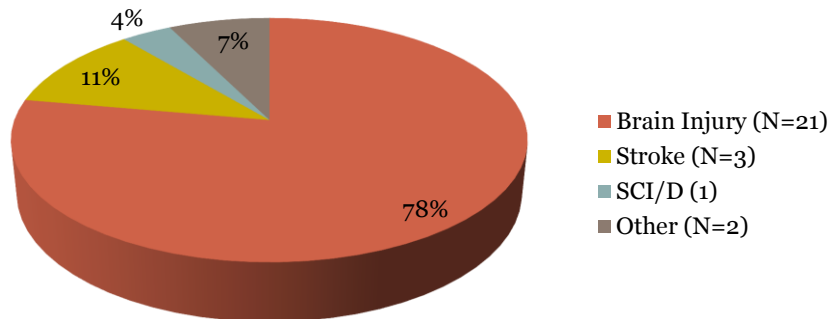
* Beyond this slide, brain injury will not be stratified by severity. (BI N=21)

MVAHCS PM&R PTRP, FY 2014

PTRP FY14: Persons served by diagnostic group

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N=27



MVAHCS PM&R PTRP, FY 2014

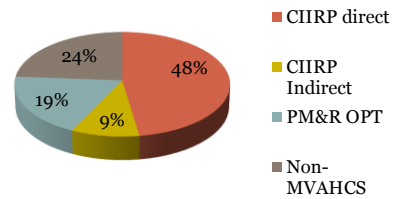
PTRP FY14: Referral sources for those admitted in the year

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21 admits in FY14

76% of admits come from our internal brain injury rehab continuum of care.

Referral source	
MVAHCS CIIRP Direct transfer	10
MVAHCS CIIRP indirect transfer	2
MVAHCS PM&R Outpatient	4
Non MVAHCS VHA	5
Total	21
Comprehensive, Integrated, Inpatient Rehab Program (CIIRP) is our Acute, INPT Rehab program.	



MVAHCS PM&R PTRP, FY 2014

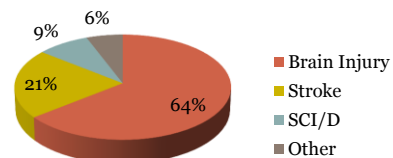
PTRP FY14: Persons served across the year

6

27 different participants across FY14

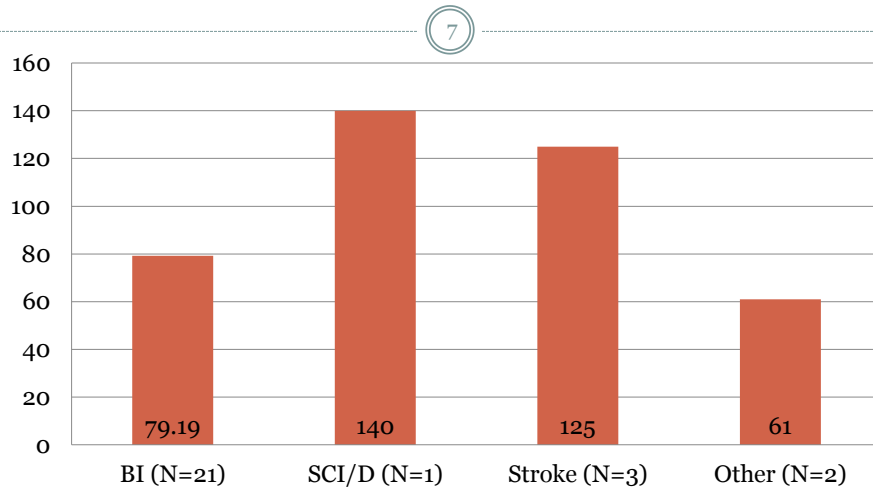
Typical proportions of participant mix across the year

Diagnostic group	Daily census*
BI (N=21)	3.19
Stroke (N=3)	1.06
SCI/D (N=1)	.42
Other (N=2)	.29
*Bed Days of Care for each group for the fiscal year ÷ 365.	



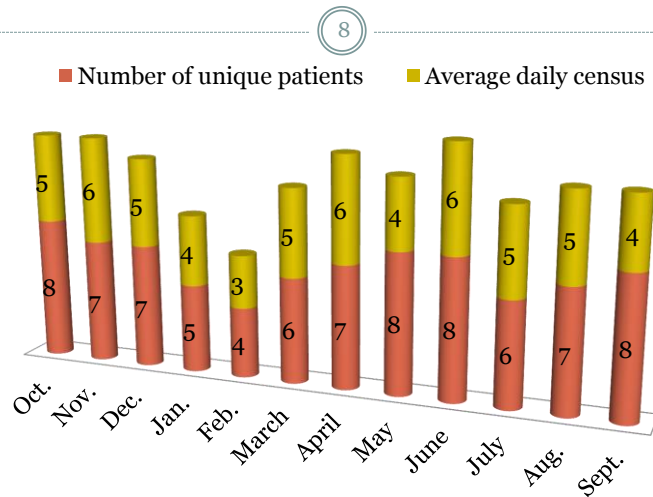
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PTRP FY14: Average length of stay in days



MVAHCS PM&R PTRP, FY 2014

PTRP FY14: Number of persons served each month



MVAHCS PM&R PTRP, FY 2014

PTRP FY14: Patient Demographics on admit

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	Military status	Average age in years	Gender
BI (N=21)	29% (N= 6) ADSM* 71% (N=15) Veteran	39	95% male
Stroke (N=3)	100% Veteran	61	100% male
Other (N=2)	100% Veteran	40	100% male
SCI (N=1)	100% ADSM	22	100% male
*Active Duty Service Member, including National Guard and Reserves			

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PTRP FY14: Effectiveness outcomes for those discharged

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- Mayo Portland Adaptability Inventory – 4 (MPAI-4)
 - The tool measures outcomes based upon 29 functional measures in 3 areas
 - ✦ Ability
 - Example: Physical and cognitive skills including memory and communication
 - ✦ Adjustment
 - Example: Anxiety, depression, irritability, and self-awareness
 - ✦ Participation
 - Example: Social interaction, initiation of activity, self-care, leisure activities
 - A score of 30 or less indicates no limitation.
 - Decreased scores show a reduction in functional disability.

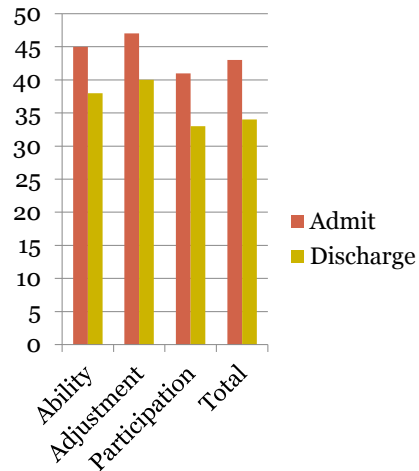
MVAHCS PM&R PTRP, FY 2014

PTRP FY14: Effectiveness outcomes for those discharged

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Mayo Portland Adaptability Inventory – 4 (MPAI-4)¹

N=22 ²	Admit average	Discharge average	Change average ³
Ability	45	38	(7)
Adjustment	47	40	(7)
Participation	41	33	(9)
Total	43	34	(9)

¹ Staff ratings² Discharged N= 24, but paired scores available for N=22.³ The greater negative number in the change category, the greater the improvement.

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PTRP FY14: Efficiency outcomes for those discharged

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Mayo Portland Adaptability Inventory – 4 (MPAI-4)

N=22	Change average	Average Length of Stay in days	Average change ratio ¹ (change ÷ LOS)
Abilities	(7)	92	.11
Adjustment	(7)	92	.10
Participation	(9)	92	.13
Total	(9)	92	.13

¹ For each day of enrollment, the participants gain this fraction of their Change Average.

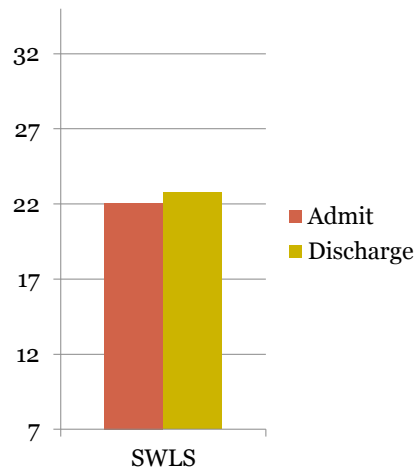
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PTRP FY14: Outcomes for those discharged

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Satisfaction with Life¹

N= 17 ²	Admit average	Discharge average	Change
SWLS	22.06	22.76	+.71
¹ Participant self rating			
² Incomplete data set. Scores were not available for all discharged			



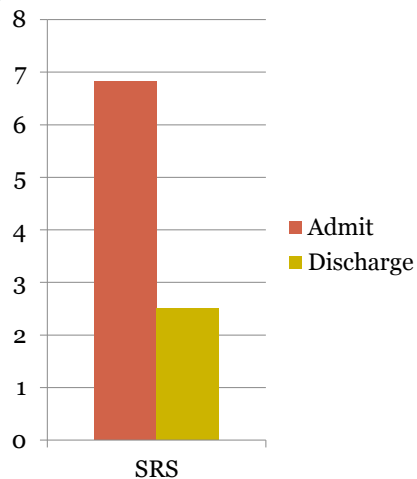
MVAHCS PM&R PTRP, FY 2014

PTRP FY14: Outcomes for those discharged

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Supervision Rating Scale¹

Data N=23	Admit average	Discharge average	Average Change
SRS	6.82	2.50	(2.14) ²
¹ Staff rating			
² A decrease in scores reflects a lower level of supervision.			

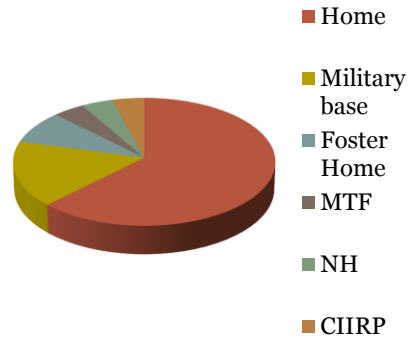


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PTRP FY14: Discharge destinations

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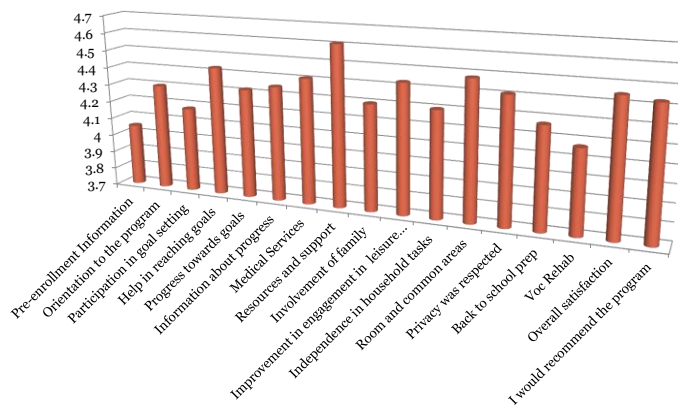
N=24		Percent
Home	15	62.5%
Military Base	4	16.7%
Adult Foster Home	2	8.3%
Military Hospital	1	4.2%
Nursing home	1	4.2%
Different nursing unit	1	4.2%



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PTRP FY14: Satisfaction at discharge on a 5-point scale

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6 month follow-up to discharge: Employment and School

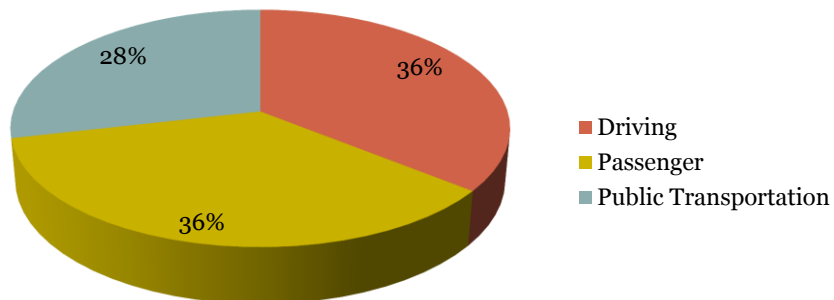
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N = 14 from FY13 and FY14Q1	
Employed including Active Duty Status	50%
Retired (Age or Medical reasons)	43%
Volunteering	36%
Enrolled in school	7%

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6 month follow-up to discharge: Transportation

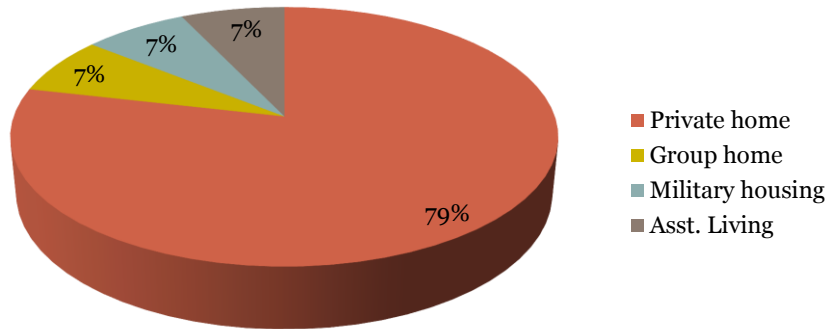
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6 month follow-up to discharge: Living situation

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On discharge: What did you like best?

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